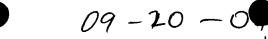
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit

Examiner

:

In re application of

ASYMMETRIC DIGITAL SUBSCRIBER

LINE PROVISION FLOW CONTROL ON

Harry Tang et al. :

DIGITAL SUBSCRIBER LINE ACCESS

MULTIPLEXER SWITCHES

Serial No.: 09/943,956

Filing Date: August 31, 2001

Group No.

TRANSMITTAL LETTER FOR 37 C.F.R § 3.73(b) STATEMENT

Pittsburgh, Pennsylvania 15222

September 18, 2001

Commissioner for Patents Washington, DC 20231

Sir:

Enclosed please find a 37 C.F.R. § 3.73(b) Statement (the "Statement") for the aboveidentified application (the "subject application"). The Statement has been executed by an

"Express Mail" mailing label number

EF324287567US

Date of Deposit September 18, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

Officer of the Assignee of the entire right, title and interest in the subject application as evidenced by the copy of the assignment attached thereto.

Respectfully submitted,

Roberto Capriott

Registration No. 46,599

Patent Agent

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Telephone:

(412) 355-8956

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(412) 355-6501



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE 37 C.F.R. § 3.73(b) Statement

| | DIGITAL SUBSCRIBER LINE IL SUBSCRIBER LINE ACCE | E PROVISION FLOW ESS MULTIPLEXER SWITCHE | S |
|--|---|---|---|
| Serial No.: | Filed: | | |
| BellSouth Intellectual | Property Corporation (a De | elaware corporation) is the as | signee of the entire right, |
| title and interest in the | patent identified above by virt | tue of either: | |
| A. An assignment | from the inventor(s) of the p | atent application identified ab | ove. The assignment was |
| recorded in | the United States Patent and | Trademark Office ona | t Reel, Frame, |
| or for which | a copy thereof is attached. | | |
| OR | | | |
| B. A chain of title | from the inventor(s) of the pa | atent application identified above | e to the current assignee as |
| shown belo | w: | | |
| 1. From | To: | | |
| The do | ocument was recorded in the | United States Patent and Trade | emark Office on at |
| Reel _ | , Frame, or for whi | ch a copy thereof is attached. | |
| Copies | s of assignments or other doc | cuments in the chain of title are | attached. |
| The undersigned (v | whose title is supplied below) | is empowered to sign this state | ement on behalf of the |
| assignee. | | | |
| | Power | r Of Attorney | |
| | | - | a attamas (a) and (ar |
| • | | if any, and appoint the following | |
| | nis application and transact a | all business in the Patent and Ti | rademark Office connected |
| therewith: | | | |
| Michael G. Biro Roberto Capriotti Maria Comninou George D. Dickos, Thomas J. Edgington, Christine R. Ethridge, Jesse A. Hirshman, James M. Joyce, Mark G. Knedeisen, | Reg. No. 46,556 Reg. No. 46,599 Reg. No. 44,626 Reg. No. 30,048 Reg. No. 34,324 Reg. No. 30,557 Reg. No. 40,016 Reg. No. 43,700 Reg. No. 42,747 | James R. Kyper, Michael D. Lazzara, Mark R. Leslie, Franklin B. Molin, Robert A. Muha, Donald R. Palladino Jonathan C. Parks, Bernard G. Pike David Schramm | Reg. No. 27,346 Reg. No. 41,142 Reg. No. 36,360 Reg. No. 37,397 Reg. No. 44,249 Reg. No. 46,976 Reg. No. 40,120 Reg. No. 46,993 Reg. No. 41,295 |
| William E. Kuss, | Reg. No. 41,919 | Robert D. Yeager | Reg. No. 25,047 |

Kirkpatrick & Lockhart, LLP Henry W. Oliver Building 535 Smithfield Street Pittsburgh, PA 15222-2312

Declaration

I hereby declare that my presentation of this paper constitutes a certification under 37 C.F.R § 10.18, which provides, in part, that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and that further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application and any patent issuing therefrom.

Date

Title

Signature Name

Jacqueine Gregorski

Mice-President-BellSouth Intellectual Property Corporation

| Attorney's Docket No. <u>00982</u> | | PATEN |
|---|--|--------------------|
| | For: ⊠ U.S. and/or ⊠ Foreign Rights | |
| | For: U.S. Application or | |
| | U.S. Provisional Application | |
| | For: U.S. Patent | |
| | For: PCT Application . | |
| | By: Multiple Inventors | |
| ASSIGNMENT OF INVE | ENTION (MULTIPLE INVENTORS) | |
| In consideration of the payment by ASSIGN receipt of which is hereby acknowledged, and fo | EE to ASSIGNOR of the sum of One Dollor other good and valuable consideration, | ar (\$1.00), the |
| ASSIGNORS (Inventors): | | |
| | Commons | |
| · · · · · · · · · · · · · · · · · · · | 2506 Madison Avenue | 2 1 |
| Harry Tang (type or print name of inventors) | Atlanta, GA 30360 Address | Canada Nationality |
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ASSIGNEE: BellSouth Intellectual Property Corporation 824 Market Street, Suite 510 (type or print name of ASSIGNEE) Address Wilmington, DE 19801 (a Delaware corporation) **Nationality** and the successors, assigns and legal representatives of the ASSIGNEE (complete one of the following) the entire right, title and interest an undivided _____ percent (______%) interest for the United States and its territorial possessions (check the following box, if foreign rights are also to be assigned) and in all foreign countries, including all rights to claim priority, in and to any and all 冈 improvements which are disclosed in the invention entitled: ASYMMETRIC DIGITAL SUBSCRIBER LINE PROVISION FLOW CONTROL ON DIGITAL SUBSCRIBER LINE ACCESS MULTIPLEXER **SWITCHES** (check and complete (a), (b), (c), (d), (e), (f) or (g)) and which is found in (a) X U.S. patent application executed on even date herewith (b) U.S. patent application executed on _____ (c) U.S. provisional application naming the above inventor(s) for the above-entitled invention Express mail label no.: To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below. hereby authorize and request my attorney to insert below the filing date and application number when they become known. (d) U.S. application no.: _____ filed on _____ (e) International application no. PCT /_____/_____ filed on _____ (f) U.S. patent no. _____issued _____ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.

hereby sells, assigns and transfers to

(also check (g), if foreign application(s) is also being assigned)

(g) and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

| WARNING: The date of signing must be the same | | arry Tarry lature of INVENTOR | 8/29/201 Date 8-28-200 |
|---|------|----------------------------------|------------------------------|
| Harry Tang (type name of Inventor) | Sign | ature of INVENTOR | Date |
| | 1/ | Delle- | 8-28-200 |
| M. Jeff Wilson (type name of Inventor) | | ature of INVENTOR | Date |
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NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be

prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

PI - 589344.1